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LIST OF THE FELLOWS AND FOREIGN HONORARY MEMBERS

(Corrected to January 1, 1952)

FELLOWS—929

(Number limited to one thousand)

The year of election is indicated in the left margin, the century being omitted; thus 21 means 1921, 92 means 1892. When a Fellow resigned and was re-elected, the year of re-election is indicated in the ordinary way, the year of election is enclosed in square brackets. The year of election of an Associate, now a Fellow, is indicated by round brackets.

CLASS I—MATHEMATICAL AND PHYSICAL SCIENCES—253

SECTION 1—Mathematics and Astronomy—49

21	Charles Greeley Abbot.....	Washington, D. C.
32	Clarence Raymond Adams.....	Providence, R. I.
47	Howard Hathaway Aiken.....	Cambridge
17	Raymond Clare Archibald.....	Providence, R. I.
46	James Gilbert Baker.....	Cambridge
46	John Landes Barnes.....	Fullerton, Cal.
32	Albert Arnold Bennett.....	Providence, R. I.
51	Stefan Bergman.....	Cambridge
45	Garrett Birkhoff.....	Cambridge
39	Bart Jan Bok.....	Lexington
50	Ira Sprague Bowen.....	Pasadena, Cal.
51	Dirk Brouwer.....	New Haven, Conn.
46	Subrahmanyan Chandrasekhar.....	Williams Bay, Wis.
13	Julian Lowell Coolidge.....	Cambridge
15	Leonard Eugene Dickson.....	Joliet, Ill.
33	Jesse Douglas.....	Brooklyn, N. Y.
38	John Charles Duncan.....	Tucson, Ariz.
34	Griffith Conrad Evans.....	Berkeley, Cal.
30	Philip Franklin.....	Belmont
32	Einar Hille.....	New Haven, Conn.
13	Edward Vermilye Huntington.....	Cambridge
49	Witold Hurewicz.....	Cambridge
38	E[ivin] Morton Jellinek.....	Fort Worth, Tex.
49	Gerard Peter Kuiper.....	Williams Bay, Wis.
45	Norman Levinson.....	Belmont
51	Chia-Chiao Lin.....	Cambridge

25	Willem Jacob Luyten.....	Minneapolis, Minn.
44	Saunders MacLane.....	Chicago, Ill.
48	William Ted Martin.....	Princeton, N. J.
34	Donald Howard Menzel.....	Cambridge
23	Samuel Alfred Mitchell.....	University, Va.
29	Marston Morse.....	Princeton, N. J.
19	Forest Ray Moulton.....	Washington, D. C.
44	John von Neumann.....	Princeton, N. J.
43	Cecilia Payne-Gaposchkin.....	Lexington
18	Henry Bayard Phillips.....	Lincoln
50	Eric Reissner.....	Cambridge
02	Henry Norris Russell.....	Princeton, N. J.
20	Harlow Shapley.....	Cambridge
09	Vesto Melvin Slipher.....	Flagstaff, Ariz.
21	Joel Stebbins.....	Mt. Hamilton, Cal.
27	Harlan True Stetson.....	Fort Lauderdale, Fla.
30	Dirk Jan Struik.....	Belmont
42	Otto Struve.....	Williams Bay, Wis.
23	Oswald Veblen.....	Princeton, N. J.
29	Joseph Leonard Walsh.....	Cambridge
41	Fred Lawrence Whipple.....	Cambridge
32	David Vernon Widder.....	Arlington
48	Oscar Zariski.....	Cambridge

CLASS I, SECTION 2—*Physics*—74

51	William Phelps Allis.....	Cambridge
28	Adelbert Ames, Jr.....	Hanover, N. H.
50	Carl David Anderson.....	Pasadena, Cal.
37	Kenneth Tompkins Bainbridge.....	Cambridge
21	Samuel Jackson Barnett.....	Pasadena, Cal.
49	Jesse Wakefield Beams.....	Charlottesville, Va.
42	Francis Birch.....	Cambridge
50	Francis Bitter.....	Cambridge
51	Gregory Breit.....	New Haven, Conn.
12	Percy Williams Bridgman.....	Cambridge
51	Harvey Brooks.....	Cambridge
26	Walter Guyton Cady.....	Middletown, Conn.
03	George Ashley Campbell.....	Upper Montclair, N. J.
21	Leslie Lyle Campbell.....	Lexington, Va.
16	Emory Leon Chaffee.....	Belmont
28	Arthur Holly Compton.....	St. Louis, Mo.
31	Karl Taylor Compton.....	Cambridge
12	Daniel Frost Comstock.....	Lincoln
47	Edward Uhler Condon.....	Corning, N. Y.
15	William David Coolidge.....	Schenectady, N. Y.
34	Franzo Hazlett Crawford.....	Williamstown

13	Henry Crew	Evanston, Ill.
11	Harvey Nathaniel Davis	Montclair, N. J.
29	Clinton Joseph Davisson	Charlottesville, Va.
12	Arthur Louis Day	Bethesda, Md.
45	Robley Dunglison Evans	Belmont
09	Arthur Woolsey Ewell	Worcester
39	Harry Edward Farnsworth	Providence, R. I.
49	James Brown Fisk	Basking Ridge, N. J.
49	Nathaniel Herman Frank	Cambridge
43	Philipp Frank	Cambridge
49	Wendell Hinkle Furry	Cambridge
29	Arthur Cobb Hardy	Wellesley
31	George Russell Harrison	Belmont
14	John Charles Hubbard	Washington, D. C.
17	Gordon Ferrie Hull	Hanover, N. H.
40	Frederick Vinton Hunt	Belmont
22	Edwin Crawford Kemble	Cambridge
44	Ronold Wyeth Percival King	Winchester
43	Edwin Herbert Land	Cambridge
37	Ernest Orlando Lawrence	Berkeley, Cal.
51	Philippe Emmanuel Le Corbeiller	Cambridge
31	Robert Bruce Lindsay	Providence, R. I.
01	Theodore Lyman	Brookline
34	Louis Williams McKeehan	New Haven, Conn.
14	Robert Andrews Millikan	Pasadena, Cal.
34	Harry Rowe Mimno	Lexington
34	Philip McCord Morse	Cambridge
49	Hans Mueller	Cambridge
31	Otto Oldenberg	Cambridge
40	J. Robert Oppenheimer	Princeton, N. J.
34	Leigh Page	New Haven, Conn.
07	George Washington Pierce	Cambridge
50	Edward Mills Purcell	Cambridge
50	Norman Foster Ramsey	Cambridge
48	Bruno Benedetto Rossi	Winchester
48	Julian Seymour Schwinger	Boston
27	John Clarke Slater	Cambridge
37	George Walter Stewart	Iowa City, Ia.
43	Donald Charles Stockbarger	Belmont
46	Julius Adams Stratton	Belmont
37	Jabez Curry Street	Belmont
50	Laszlo Tisza	Cambridge
50	Merle Antony Tuve	Washington, D. C.
28	Manuel Sandoval Vallarta	Mexico, D. F.
35	Robert Jemison Van de Graaff	Belmont
34	John Hasbrouck Van Vleck	Cambridge

35	Bertram Eugene Warren.....	Arlington
18	David Locke Webster.....	Palo Alto, Cal.
48	Victor Frederick Weisskopf.....	Cambridge
50	Eugene Paul Wigner.....	Princeton, N. J.
11	Edwin Bidwell Wilson.....	Brookline
13	Robert Williams Wood.....	Baltimore, Md.
49	Jerrold Reinach Zacharias.....	Cambridge

CLASS I, SECTION 3—*Chemistry*—64

26	Roger Adams.....	Urbana, Ill.
44	Isadore Amdur.....	Cambridge
45	Eric Glendinning Ball.....	Newton Highlands
13	Wilder Dwight Bancroft.....	Ithaca, N. Y.
46	Paul Doughty Bartlett.....	Weston
07	Gregory Paul Baxter.....	Cambridge
29	James Alexander Beattie.....	Belmont
14	Marston Taylor Bogert.....	New York, N. Y.
49	William Clouser Boyd.....	Boston
38	Emile Monnin Chamot.....	Ithaca, N. Y.
51	Robert Hugh Cole.....	Providence, R. I.
42	Samuel Cornette Collins.....	Belmont
24	James Bryant Conant.....	Cambridge
45	Arthur Clay Cope.....	Belmont
48	Carl Ferdinand Cori.....	St. Louis, Mo.
48	Charles DuBois Coryell.....	Lexington
47	Paul Clifford Cross.....	Seattle, Wash.
51	Paul Mead Doty.....	Cambridge
37	John Tileston Edsall.....	Dedham
37	Gustavus John Esselen.....	Swampscott
33	Louis Frederick Fieser.....	Belmont
50	William Francis Giaque.....	Berkeley, Cal.
35	Louis Harris.....	Belmont
36	Albert Baird Hastings.....	Brookline
38	Robert Casad Hockett.....	Concord
36	Ernest Hamlin Huntress.....	Melrose Highlands
19	Frederick George Keyes.....	Cambridge
49	John Gamble Kirkwood.....	New Haven, Conn.
33	George Bogdan Kistiakowsky.....	Cambridge
15	Charles August Kraus.....	Providence, R. I.
14	Arthur Becket Lamb.....	Brookline
18	Irving Langmuir.....	Schenectady, N. Y.
15	Warren Kendall Lewis.....	Newton
49	James Joseph Lingane.....	Cambridge
49	Fritz Albert Lipmann.....	Boston
50	Richard Collins Lord.....	Cambridge

23	Duncan Arthur MacInnes.....	New York, N. Y.
41	Charles Edward Kenneth Mees.....	Rochester, N. Y.
35	Nicholas Athanasius Milas.....	Belmont
36	Avery Adrian Morton.....	Watertown
19	Edward Mueller.....	Cambridge
49	John Howard Northrop.....	Berkeley, Cal.
31	William Albert Noyes, Jr.....	Rochester, N. Y.
45	John Lawrence Oncley.....	Newtonville
49	Lars Onsager.....	New Haven, Conn.
44	Linus Carl Pauling.....	Pasadena, Cal.
49	Eugene Rochow.....	Cambridge
28	George Scatchard.....	Cambridge
32	Walter Cecil Schumb.....	East Milton
51	John Clark Sheehan.....	Cambridge
15	Miles Standish Sherrill.....	Brookline
34	Leighton Bruerton Smith.....	Beverly
49	Wendell Meredith Stanley.....	Berkeley, Cal.
47	Clark Conkling Stephenson.....	Cambridge
46	Walter Hugo Stockmayer.....	Weston
49	James Batcheller Sumner.....	Ithaca, N. Y.
43	Hugh Stott Taylor.....	Princeton, N. J.
38	Harold Clayton Urey.....	Chicago, Ill.
48	Vincent du Vigneaud.....	New York, N. Y.
11	Willis Rodney Whitney.....	Schenectady, N. Y.
44	Edgar Bright Wilson, Jr.....	Cambridge
51	Melville Lawrence Wolfrom.....	Columbus, Ohio
48	Robert Burns Woodward.....	Cambridge
41	Ralph Chillingworth Young.....	Arlington

CLASS I, SECTION 4—*Technology and Engineering*—66

06	Comfort Avery Adams.....	Philadelphia, Pa.
33	Harold Kilbrith Barrows.....	Winchester
31	Charles Harold Berry.....	Belmont
41	Edward Lindley Bowles.....	Wellesley
50	Gordon Stanley Brown.....	Cambridge
25	Vannevar Bush.....	Washington, D. C.
49	Arthur Casagrande.....	Cambridge
48	John Chipman.....	Winchester
49	Edward Lull Cochrane.....	Cambridge
50	Morris Cohen.....	Cambridge
45	Hardy Cross.....	New Haven, Conn.
34	Otto Gustav Colbiornsen Dahl.....	Boston
34	Chester Laurens Dawes.....	Cambridge
34	Jacob Pieter Den Hartog.....	Wellesley Hills
43	Bradley Dewey.....	Cambridge

20	Theodore Harwood Dillon.....	Washington, D. C.
41	Charles Stark Draper.....	Newton
22	Gano Dunn.....	New York, N. Y.
21	William Frederick Durand.....	Brooklyn, N. Y.
46	Howard Wilson Emmons.....	Sudbury
27	Gordon Maskew Fair.....	Cambridge
48	Ivan Alexander Getting.....	Belmont
32	Glennon Gilboy.....	Lincoln
48	Edwin Richard Gilliland.....	Arlington
32	Albert Haertlein.....	Watertown
50	William Rede Hawthorne.....	Cambridge, England
40	Harold Locke Hazen.....	Belmont
44	Arthur Robert von Hippel.....	Weston
36	Murray Philip Horwood.....	Cambridge
48	Hoyt Clarke Hottel.....	Winchester
34	Jerome Clarke Hunsaker.....	Boston
49	Arthur Thomas Ippen.....	Cambridge
23	James Robertson Jack.....	Watertown
01	Lewis Jerome Johnson.....	Cambridge
48	Theodore von Kármán.....	Azusa, Cal.
37	Joseph Henry Keenan.....	Belmont
50	Robert Victor Kleinschmidt.....	Cambridge
23	William Henry Lawrence.....	Jamaica Plain
38	John Moyes Lessells.....	Brookline
48	William Henry McAdams.....	Newton
37	Charles Winters MacGregor.....	Philadelphia, Pa.
12	Lionel Simeon Marks.....	Cambridge
44	Richard von Mises.....	Cambridge
49	John Torrey Norton.....	Cambridge
20	Frederick Law Olmsted.....	Elkton, Md.
51	Egon Orowan.....	Cambridge
28	Langdon Pearse.....	Chicago, Ill.
13	Harold Pender.....	Wynnewood, Pa.
30	Greenleaf Whittier Pickard.....	Newton Center
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48	Thomas Kilgore Sherwood.....	Wellesley
50	Cyril Stanley Smith.....	Chicago, Ill.
39	C. Richard Soderberg.....	Weston
14	Charles Milton Spofford.....	Boston
49	Charles Fayette Taylor.....	Cambridge
49	Edward Story Taylor.....	Cambridge
[28]	44 Karl Terzaghi.....	Winchester
50	John George Trump.....	Cambridge
49	Hsue-Shen Tsien.....	Pasadena, Cal.
23	Edward Pearson Warner.....	Montreal, Que.

- 51 Harold Christian Weber.....Milton
 48 Walter Gordon Whitman.....Washington, D. C.
 45 John Benson Wilbur.....Belmont
 40 John Wulff.....Cambridge
 41 Vladimir Kosma Zworykin.....Princeton, N. J.

CLASS II—NATURAL AND PHYSIOLOGICAL SCIENCES—253

SECTION 1—*Geology, Mineralogy, and Physics of the Globe*—46

- 41 Alan Mara Bateman.....New Haven, Conn.
 46 Roland Frank Beers.....Dallas, Texas
 38 Marland Pratt Billings.....Wellesley
 21 Norman Levi Bowen.....Washington, D. C.
 49 Wilmot Hyde Bradley.....Washington, D. C.
 33 Charles Franklin Brooks.....Milton
 49 Walter Herman Bucher.....New York, N. Y.
 48 Arthur Francis Buddington.....Princeton, N. J.
 45 Martin Julian Buerger.....Lincoln
 33 Frank Morton Carpenter.....Lexington
 51 Everette Lee DeGolyer.....Dallas, Texas
 50 Carl Owen Dunbar.....New Haven, Conn.
 51 (William) Maurice Ewing.....Palisades, N. Y.
 49 Clifford Frondel.....Cambridge
 42 Russell Gibson.....Belmont
 49 James Gilluly.....Los Angeles, Cal.
 14 Louis Caryl Graton.....Cambridge
 17 Herbert Ernest Gregory.....Honolulu, T. H.
 50 Beno Gutenberg.....Pasadena, Cal.
 50 Donnel Foster Hewett.....Pasadena, Cal.
 46 Cornelius Searle Hurlbut, Jr.....Belmont
 44 Columbus O'Donnell Iselin.....Woods Hole
 02 Thomas Augustus Jaggar.....Honolulu, T. H.
 48 Adolph Knopf.....Stanford, Cal.
 25 Esper Signius Larsen, Jr.....Arlington, Va.
 15 Andrew Cowper Lawson.....Berkeley, Cal.
 16 Charles Kenneth Leith.....Madison, Wis.
 50 Arville Irving Levorsen.....Tulsa, Okla.
 31 George Francis McEwen.....La Jolla, Cal.
 49 Hugh Exton McKinstrey.....Cambridge
 27 Donald Hamilton McLaughlin.....San Francisco, Cal.
 25 Kirtley Fletcher Mather.....Newton Center
 35 Warren Judson Mead.....Belmont
 17 William John Miller.....Stockton, Cal.
 32 Frederick Kuhne Morris.....Montgomery, Ala.
 34 Walter Harry Newhouse.....Chicago, Ill.
 50 Thomas Brennan Nolan.....Washington, D. C.
 22 Austin Flint Rogers.....Palo Alto, Cal.

34	Carl-Gustaf Arvid Rossby.....	Chicago, Ill.
19	Waldemar Theodore Schaller.....	Washington, D. C.
48	George Gaylord Simpson.....	New York, N. Y.
45	Henry Crosby Stetson.....	Belmont
44	Harald Ulrik Sverdrup.....	Oslo, Norway
17	Thomas Wayland Vaughan.....	Washington, D. C.
35	Derwent Stainthorpe Whittlesey.....	Cambridge
15	Frederick Eugene Wright.....	Washington, D. C.

CLASS II, SECTION 2—*Botany*—42

30	LeRoy Abrams.....	Palo Alto, Cal.
34	Edgar Anderson.....	St. Louis, Mo.
15	Irving Widmer Bailey.....	Cambridge
00	Liberty Hyde Bailey.....	Ithaca, N. Y.
50	Elso Sterrenberg Barghoorn.....	Cambridge
49	Lawrence Rogers Blinks.....	Pacific Grove, Cal.
98	Douglas Houghton Campbell.....	Palo Alto, Cal.
48	Edward Sears Castle.....	Cambridge
49	Jens Christian Clausen.....	Stanford, Cal.
46	Ralph Erskine Cleland.....	Bloomington, Ind.
50	Lincoln Constance.....	Berkeley, Cal.
16	Bradley Moore Davis.....	Portland, Ore.
35	Bernard Ogilvie Dodge.....	New York, N. Y.
41	Arthur Johnson Eames.....	Ithaca, N. Y.
49	Katherine Esau.....	Davis, Cal.
12	Alexander William Evans.....	New Haven, Conn.
50	Adrianee Sherwood Foster.....	Berkeley, Cal.
44	Paul Rupert Gast.....	Weston
27	Ivan Murray Johnston.....	Jamaica Plain
34	Donald Forsha Jones.....	New Haven, Conn.
40	Paul Christoph Mangelsdorf.....	Cambridge
10	Winthrop John Vanleuven Osterhout.....	New York, N. Y.
27	George James Peirce.....	Palo Alto, Cal.
49	Kenneth Bryan Raper.....	Peoria, Ill.
44	Hugh Miller Raup.....	Petersham
48	William Jacob Robbins.....	New York, N. Y.
49	Reed Clark Rollins.....	Cambridge
34	Edmund Ware Sinnott.....	New Haven, Conn.
44	Albert Charles Smith.....	Washington, D. C.
34	Gilbert Morgan Smith.....	Palo Alto, Cal.
45	Herman Augustus Spoehr.....	Palo Alto, Cal.
49	Lewis John Stadler.....	Columbia, Mo.
23	Elvin Charles Stakman.....	St. Paul, Minn.
48	William Randolph Taylor.....	Ann Arbor, Mich.
38	Kenneth Vivian Thimann.....	Cambridge

50	Cornelis Bernardus Van Niel.....	Pacific Grove, Cal.
49	Selman Abraham Waksman.....	New Brunswick, N. J.
48	Frits Warmolt Went.....	Pasadena, Cal.
22	William Henry Weston, Jr.....	Winchester
32	Ralph Hartley Wetmore.....	Cambridge
50	Philip Rodney White.....	Bar Harbor, Me.
50	William Lawrence White.....	Cambridge

CLASS II, SECTION 3—*Zoology and Physiology*—85

50	Warder Clyde Allee.....	Gainesville, Fla.
49	Edwin Bennett Astwood.....	Boston
22	Nathan Banks.....	Holliston
33	Philip Bard.....	Baltimore, Md.
09	Francis Gano Benedict.....	Machiasport, Me.
11	Henry Bryant Bigelow.....	Concord
14	Robert Payne Bigelow.....	Brookline
35	Charles Henry Blake.....	Lincoln
20	William T. Bovie.....	Fairfield, Me.
24	Edward Allen Boyden.....	Minneapolis, Minn.
16	John Lewis Bremer.....	Boston
28	John Wymond Miller Bunker.....	Belmont
00	William Ernest Castle.....	Berkeley, Cal.
29	Lemuel Roscoe Cleveland.....	Jamaica Plain
26	Edwin Joseph Cohn.....	Cambridge
14	Edwin Grant Conklin.....	Princeton, N. J.
23	Manton Copeland.....	Brunswick, Me.
27	William John Crozier.....	Belmont
29	Hallowell Davis.....	St. Louis, Mo.
33	Alden Benjamin Dawson.....	Belmont
49	Edward Wheeler Dempsey.....	St. Louis, Mo.
25	Samuel Randall Detwiler.....	New York, N. Y.
43	David Bruce Dill.....	Army Medical Center, Md.
48	Edward Adelbert Doisy.....	St. Louis, Mo.
50	Leslie Clarence Dunn.....	New York, N. Y.
25	Herbert McLean Evans.....	Berkeley, Cal.
48	Wallace Osgood Fenn.....	Rochester, N. Y.
34	Cyrus Hartwell Fiske.....	Lexington
34	John Farquhar Fulton.....	New Haven, Conn.
48	Herbert Spencer Gasser.....	New York, N. Y.
47	Arnold Lucius Gesell.....	New Haven, Conn.
50	Roy Orval Greep.....	Boston
31	William King Gregory.....	New York, N. Y.
48	Edmund Newton Harvey.....	Princeton, N. J.
36	Frederick Lee Hisaw.....	Belmont
29	Leigh Hoadley.....	Cambridge
34	Hudson Hoagland.....	Shrewsbury

24	Samuel Jackson Holmes.....	Berkeley, Cal.
28	Roy Graham Hoskins.....	Waban
49	George Evelyn Hutchinson.....	New Haven, Conn.
51	Edward Calvin Kendall.....	Princeton, N. J.
49	Otto Kraye.....	Cambridge
44	Eugene Markley Landis.....	Brookline
14	Ralph Stayner Lillie.....	Chicago, Ill.
49	Cyril Norman Hugh Long.....	New Haven, Conn.
17	Richard Swann Lull.....	New Haven, Conn.
43	Brenton Reid Lutz.....	Melrose
27	Axel Leonard Melander.....	Riverside, Cal.
51	Charles William Metz.....	Philadelphia, Pa.
35	Karl Friedrich Meyer.....	San Francisco, Cal.
21	Gerrit Smith Miller.....	Washington, D. C.
50	Carl Richard Moore.....	Chicago, Ill.
42	Hermann Joseph Muller.....	Bloomington, Ind.
49	John Spangler Nicholas.....	New Haven, Conn.
95	George Howard Parker.....	Cambridge
46	James Lee Peters.....	Harvard
21	Henry Augustus Pilsbry.....	Philadelphia, Pa.
39	Gregory Pincus.....	Worcester
50	Harold Henry Plough.....	Amherst
27	Frederick Haven Pratt.....	Wellesley Hills
09	Herbert Wilbur Rand.....	Cambridge
32	David Rapport.....	Cambridge
23	Alfred Clarence Redfield.....	Woods Hole
34	Alfred Newton Richards.....	Bryn Mawr, Pa.
34	Oscar Riddle.....	Plant City, Fla.
46	Kenneth David Roeder.....	Concord
37	Alfred Sherwood Romer.....	Cambridge
25	Alexander Grant Ruthven.....	Ann Arbor, Mich.
51	Karl Patterson Schmidt.....	Chicago, Ill.
41	Francis Otto Schmitt.....	Belmont
49	Homer William Smith.....	New York, N. Y.
49	Tracy Morton Sonneborn.....	Bloomington, Ind.
49	Alfred Henry Sturtevant.....	Pasadena, Cal.
48	Hubert Bradford Vickery.....	New Haven, Conn.
48	George Wald.....	Belmont
45	John Henry Welsh.....	Cambridge
15	Arthur Wisswald Weyssse.....	Woburn
51	Carroll Milton Williams.....	Cambridge
49	James Walter Wilson.....	Providence, R. I.
38	George Bernays Wislocki.....	Milton
48	Sewall Wright.....	Chicago, Ill.
50	Ralph Walter Graystone Wyckoff.....	Bethesda, Md.
33	Jeffries Wyman, Jr.....	Chestnut Hill

- 45 Leland Clifton Wyman.....Jamaica Plain
 15 Robert Mearns Yerkes.....New Haven, Conn.

CLASS II, SECTION 4—*Medicine and Surgery*—80

- 41 Fuller Albright.....Brookline
 47 Arthur Wilburn Allen.....Brookline
 32 Joseph Charles Aub.....Belmont
 36 Oswald Theodore Avery.....Nashville, Tenn.
 29 James Bourne Ayer.....Milton
 (28) 32 Franklin Greene Balch.....Jamaica Plain
 41 Walter Bauer.....Waban
 47 David Lawrence Belding.....Hingham
 50 George Packer Berry.....Boston
 48 Francis Gilman Blake.....Washington, D. C.
 31 George Blumer.....San Marino, Cal.
 49 Herrman Ludwig Blumgart.....Boston
 43 Arlie Vernon Bock.....Cambridge
 36 Charles Sidney Burwell.....Brookline
 48 Allan Macy Butler.....Boston
 31 William Bosworth Castle.....Brookline
 30 David Cheever.....Boston
 48 Edward Delos Churchill.....Belmont
 42 William Irving Clark.....Worcester
 49 David Glendenning Cogan.....Cambridge
 21 Rufus Cole.....Mount Kisco, N. Y.
 50 Oliver Cope.....Boston
 50 Lewis Dexter.....Boston
 31 Eugene Floyd DuBois.....New York, N. Y.
 50 Geoffrey Edsall.....Bethesda, Md.
 46 John Franklin Enders.....Boston
 49 Sidney Farber.....Cambridge
 45 James Morison Faulkner.....Brookline
 44 Maxwell Finland.....Squantum
 33 Reginald Fitz.....Brookline
 27 James Lawder Gamble.....Brookline
 22 Joseph Lincoln Goodale.....Ipswich
 49 Harry Sylvestre Nutting Greene.....New Haven, Conn.
 49 Robert Edward Gross.....Boston
 21 Ross Granville Harrison.....New Haven, Conn.
 51 Philip Showalter Hench.....Rochester, Minn.
 49 Arthur Tremain Hertig.....Cambridge
 47 Sanford Burton Hooker.....Bradford, Vt.
 49 Charles Brenton Huggins.....Chicago, Ill.
 33 Edgar Erskine Hume.....Frankfort, Ky.
 34 Henry Jackson, Jr.....Chestnut Hill
 46 Charles Alderson Janeway.....Weston

12	Elliott Proctor Joslin.....	Boston
43	Chester Scott Keefer.....	Brookline
23	Roger Irving Lee	Brookline
42	Samuel Albert Levine.....	Newton Center
29	Edwin Allen Locke.....	Wilton, N. H.
49	Robert Frederick Loeb.....	New York, N. Y.
28	Warfield Theobald Longcope.....	Baltimore, Md.
40	William de Berniere MacNider.....	Chapel Hill, N. C.
44	William Malamud.....	Boston
[27]	50 James Howard Means.....	Boston
34	Leroy Matthew Simpson Miner.....	Newtonville
28	William Lorenzo Moss.....	Athens, Ga.
28	John Howard Mueller.....	West Roxbury
50	Ira Theodore Nathanson.....	Boston
51	John Rodman Paul.....	New Haven, Conn.
27	Joseph Hersey Pratt.....	Brookline
50	Samuel Proger.....	Boston
35	Tracy Jackson Putnam.....	Beverly Hills, Cal.
34	William Carter Quinby.....	Brookline
47	Francis Minot Rackemann.....	Boston
48	John Rock.....	Roslindale
34	Arthur Hiler Ruggles.....	Providence, R. I.
39	William Thomas Salter.....	New Haven, Conn.
33	George Cheever Shattuck.....	Brookline
47	James Stevens Simmons.....	Boston
47	Richard Mason Smith.....	Boston
50	John Crayton Snyder.....	Boston
30	Torald Hermann Sollmann.....	Cleveland, O.
47	Merrill Clary Sosman.....	Chestnut Hill
51	Nathan Bill Talbot.....	Boston
46	Siegfried Josef Thannhauser.....	Brookline
44	George Widmer Thorn.....	Cambridge
14	Ernest Edward Tyzzer.....	Wakefield
14	Frederick Herman Verhoeff.....	Brookline
47	Shields Warren.....	West Newton
27	Joseph Treloar Wearn.....	Cleveland, O.
40	Paul Dudley White.....	Brookline
12	Simeon Burt Wolbach.....	South Sudbury

CLASS III—THE SOCIAL ARTS—211

SECTION 1—*Jurisprudence*—37

(24)	32 Francis Noyes Balch.....	Jamaica Plain
36	Stoughton Bell.....	Cambridge
36	Claude Raymond Branch.....	Boston

50	Zechariah Chafee, Jr.	Cambridge
48	Charles Allerton Coolidge	Belmont
49	John Cobb Cooper	Princeton, N. J.
33	John Dickinson	Philadelphia, Pa.
38	Robert Gray Dodge	Boston
40	Lon Louvois Fuller	Cambridge
39	Herbert Funk Goodrich	Philadelphia, Pa.
33	Theodore Francis Green	Providence, R. I.
38	Frank Washburn Grinnell	Boston
41	Erwin Nathaniel Griswold	Belmont
39	John Loomer Hall	Boston
39	Augustus Noble Hand	New York, N. Y.
33	Learned Hand	New York, N. Y.
39	Albert James Harno	Urbana, Ill.
49	Charles Antone Horsky	Washington, D. C.
47	Mark DeWolfe Howe	Cambridge
38	Melvin Maynard Johnson	Brookline
49	Phillips Ketchum	Cambridge
38	James McCauley Landis	New York, N. Y.
32	Sayre Macneil	Los Angeles, Cal.
32	Calvert Magruder	Cambridge
50	Thomas Harrison Mahony	Boston
51	Harold Medina	Foley Square, N. Y.
31	William DeWitt Mitchell	New York, N. Y.
31	Edmund Morris Morgan	Nashville, Tenn.
47	John Lord O'Brian	Washington, D. C.
36	Henry Parkman	Boston
01	George Wharton Pepper	Philadelphia, Pa.
11	Roscoe Pound	Watertown
36	Stanley Elroy Qua	Lowell
32	Francis Bowes Sayre	Washington, D. C.
21	Austin Wakeman Scott	Cambridge
39	Thomas Walter Swan	New York, N. Y.
43	Charles Edward Wyzanski, Jr.	Cambridge

CLASS III, SECTION 2—*Government, International Law, and Diplomacy*—34

36	Howard Landis Bevis	Columbus, O.
51	Ralph Johnson Bunche	United Nations, N. Y.
46	Harvey Hollister Bundy	Boston
40	Robert Granville Caldwell	Buenos Aires, Argentina
32	William Richards Castle, Jr.	Washington, D. C.
48	William Lockhart Clayton	Houston, Tex.
33	Robert Treat Crane	Baltimore, Md.
50	Saville Rogers Davis	Boston
46	John Sloan Dickey	Hanover, N. H.
50	Paul Howard Douglas	Washington, D. C.

50	Merle Fainsod.....	Cambridge
27	William Cameron Forbes.....	Norwood
44	Carl Joachim Friedrich.....	Concord
50	James William Fulbright.....	Washington, D. C.
34	Edgar Stephenson Furniss.....	New Haven, Conn.
50	John Merriman Gaus.....	Cambridge
49	Leland Matthew Goodrich.....	New York, N. Y.
32	Joseph Clark Grew.....	Washington, D. C.
50	Christian Archibald Herter.....	Washington, D. C.
41	Hajo Holborn.....	Hamden, Conn.
27	Arthur Norman Holcombe.....	Cambridge
32	Philip Carryl Jessup.....	New York, N. Y.
49	Walter Lippmann.....	Washington, D. C.
32	Charles Edward Merriam.....	Chicago, Ill.
13	William Bennett Munro.....	Pasadena, Cal.
47	William Phillips.....	North Beverly
41	Gaetano Salvemini.....	Cambridge
46	Robert Burgess Stewart.....	Winchester
44	Sarah Wambaugh.....	Cambridge
47	Sumner Welles.....	Oxon Hill, Md.
32	William Franklin Willoughby.....	Washington, D. C.
48	Howard Eugene Wilson.....	New York, N. Y.
27	Quincy Wright.....	Chicago, Ill.
33	Henry Aaron Yeomans.....	Harvard

CLASS III, SECTION 3—*Economics and Sociology*—58

36	James Waterhouse Angell.....	New York, N. Y.
47	George Pierce Baker.....	Boston
48	Richard Mervin Bissell, Jr.....	Washington, D. C.
36	James Cummings Bonbright.....	New York, N. Y.
43	Augusta Fox Bronner (Mrs. William Healy).....	Clearwater, Fla.
44	Douglass Vincent Brown.....	Brookline
46	Theodore Henry Brown.....	Cambridge
34	John Maurice Clark.....	Westport, Conn.
28	Arthur Harrison Cole.....	Cambridge
51	James Frederic Dewhurst.....	New York, N. Y.
32	Arthur Stone Dewing.....	Newton
41	Carl Rupp Doering.....	Norman, Okla.
32	Wallace Brett Donham.....	Cambridge
36	Fred Rogers Fairchild.....	Hamden, Conn.
34	Ralph Evans Freeman.....	Cambridge
33	Sheldon Glueck.....	Cambridge
50	Carter Goodrich.....	New York, N. Y.
34	Robert Murray Haig.....	New York, N. Y.
41	Earl Jefferson Hamilton.....	Evanston, Ill.
45	Seymour Edwin Harris.....	West Acton

51	Caryl Parker Haskins.....	New York, N. Y.
49	(Edward) Pendleton Herring.....	New York, N. Y.
48	Bishop Carleton Hunt.....	Norwell
34	Frank Hyneman Knight.....	Chicago, Ill.
51	Paul Felix Lazarsfeld.....	New York, N. Y.
34	Robert Morison MacIver.....	New York, N. Y.
32	Walter Wallace McLaren.....	Englewood Cliffs, N. J.
45	William Rupert Maclaurin.....	Cambridge
36	Malcolm Perrine McNair.....	Cambridge
32	Leon Carroll Marshall.....	Chevy Chase, Md.
50	Mark Arthur May.....	New Haven, Conn.
34	Richard Stockton Meriam.....	South Lincoln
50	Robert King Merton.....	New York, N. Y.
32	Frederick Cecil Mills.....	New York, N. Y.
34	Arthur Eli Monroe.....	Cambridge
34	Edwin Griswold Nourse.....	Chevy Chase, Md.
32	William Fielding Ogburn.....	Chicago, Ill.
45	Talcott Parsons.....	Belmont
42	William Andrew Paton.....	Ann Arbor, Mich.
47	Fritz Jules Roethlisberger.....	Cambridge
37	Clyde Orval Ruggles.....	Dayton, Ohio
42	Paul Anthony Samuelson.....	Belmont
36	Thomas Henry Sanders.....	Cambridge
43	Benjamin Morris Selekman.....	Cambridge
31	Pitirim Alexandrovich Sorokin.....	Winchester
31	Oliver Mitchell Wentworth Sprague.....	Cambridge
46	Harold Walter Stoke.....	Seattle, Wash.
50	Samuel Andrew Stouffer.....	Cambridge
49	Philip Taft.....	Providence, R. I.
37	Harry Rudolph Tosdal.....	Belmont
31	Donald Skeele Tucker.....	Belmont
41	Robert Ulich.....	Cambridge
34	Jacob Viner.....	Princeton, N. J.
38	T[homas] North Whitehead.....	Cambridge
32	John Henry Williams.....	Cambridge
36	Joseph Henry Willits.....	New York, N. Y.
34	Leo Wolman.....	New York, N. Y.
34	Carle Clark Zimmerman.....	Winchester

CLASS III, SECTION 4—*Administration and Affairs*—82

(25)	32 Charles Francis Adams.....	Concord
46	Chester M. Alter.....	West Newton
51	Roger Nash Baldwin.....	New York, N. Y.
39	Chester Irving Barnard.....	New York, N. Y.
(25)	32 Charles Foster Batchelder.....	Peterborough, N. H.
49	Bancroft Beatley.....	Boston

44	Adolf Augustus Berle, Jr.	New York, N. Y.
50	Barry Bingham	Louisville, Ky.
49	S(amuel) Bruce Black	Boston
49	Lloyd DeW. Brace	Boston
49	Detlev Wulf Bronk	Baltimore, Md.
49	Oliver Ellsworth Buckley	New York, N. Y.
50	John Ely Burchard	Cambridge
45	Edwin Sharp Burdell	New York, N. Y.
50	Victor Lloyd Butterfield	Middletown, Conn.
41	Godfrey Lowell Cabot	Boston
47	Thomas Dudley Cabot	Weston
48	Erwin Dain Canham	Newton
47	William Henry Claflin, Jr.	Belmont
49	Paul Foster Clark	Boston
48	Charles Woolsey Cole	Amherst
43	Ada Louise Comstock (Mrs. Wallace Notestein)	New Haven, Conn.
50	William Terry Couch	Chicago, Ill.
48	Robert Cutler	Boston
42	Donald Kirk David	Boston
32	Henry Sturgis Dennison	Framingham
50	Charles Dollard	New York, N. Y.
46	David Frank Edwards	Cambridge
48	Carl Stephens Ell	Newton
49	John Wells Farley	Boston
(28) 32	William Lusk Webster Field	Milton
39	Ralph Edward Flanders	Springfield, Vt.
38	Horace Sayford Ford	Belmont
44	Raymond Blaine Fosdick	New York, N. Y.
51	Clinton Strong Golden	Solebury, Pa.
48	Francis Calley Gray	Boston
51	Crawford Hallock Greenewalt	Wilmington, Del.
50	Alan Gregg	New York, N. Y.
51	Alfred Whitney Griswold	New Haven, Conn.
50	William Averell Harriman	Washington, D. C.
49	Harold Daniel Hodgkinson	Boston
44	Ernest Martin Hopkins	Hatover, N. H.
51	William Vermillion Houston	Houston, Texas
48	Carl Tilden Keller	Boston
34	Henry Plimpton Kendall	Sharon
44	James Rhyne Killian, Jr.	Wellesley Hills
39	Morris Evans Leeds	Philadelphia, Pa.
48	David Eli Lilienthal	Washington, D. C.
34	Clarence Cook Little	Bar Harbor, Me.
47	Ralph Lowell	Westwood
49	Louis Martin Lyons	Cambridge
36	Dumas Malone	Charlottesville, Va.

42	Daniel L. Marsh.....	Boston
45	Keyes DeWitt Metcalf.....	Belmont
45	Henry Allen Moe.....	New York, N. Y.
02	Herbert Putnam.....	Washington, D. C.
51	William McNear Rand.....	Lincoln
50	Helen Rogers Reid.....	New York, N. Y.
49	Arthur Grinnell Rotch.....	Boston
51	Abram Leon Sachar.....	Waltham
34	Erwin Haskell Schell.....	Cambridge
38	Charles Seymour.....	New Haven, Conn.
35	Henry Lee Shattuck.....	Boston
37	Henry Southworth Shaw.....	Melrose
50	George Nauman Shuster.....	New York, N. Y.
48	Alfred Pritchard Sloan, Jr.....	New York, N. Y.
49	George A. Sloan.....	New York, N. Y.
(28)	32 Payson Smith.....	Orono, Me.
46	Huntley Nowell Spaulding.....	Rochester, N. H.
33	Albert Warren Stearns.....	Billerica
50	Arthur Hays Sulzberger.....	New York, N. Y.
50	William Webster.....	Washington, D. C.
51	Leonard Dupée White.....	Chicago, Ill.
51	Walter Muir Whitehill.....	Boston
49	Carroll Louis Wilson.....	Washington, D. C.
44	Charles Edward Wilson.....	New York, N. Y.
50	Thomas James Wilson.....	Cambridge
41	Laurence Leathe Winship.....	South Sudbury
50	Benjamin Fletcher Wright.....	Northampton
48	Henry Merritt Wriston.....	Providence, R. I.
(25)	32 Benjamin Loring Young.....	Weston
39	Owen D. Young.....	Van Hornesville, N. Y.

CLASS IV—THE HUMANITIES—212

SECTION 1—*Theology, Philosophy, and Psychology*—48

33	John Gilbert Beebe-Center.....	Swampscott
38	Julius Seelye Bixler.....	Waterville, Me.
46	Brand Blanshard.....	New Haven, Conn.
24	Edwin Garrigues Boring.....	Cambridge
28	Edgar Sheffield Brightman.....	Newton
31	Henry Addington Bruce.....	Cambridge
49	Millar Burrows.....	New Haven, Conn.
32	Leonard Carmichael.....	Tufts College
48	Rudolph Carnap.....	Chicago, Ill.
36	Robert Pierce Casey.....	Providence, R. I.
33	Curt John Ducasse.....	Providence, R. I.
43	Angus Dun.....	Washington, D. C.

48	Frederick May Eliot.....	Cambridge
38	James Everett Frame.....	Princeton, N. Y.
37	Clarence Henry Graham.....	New York, N. Y.
45	Edwin Ray Guthrie.....	Seattle, Wash.
32	William Healy.....	Clearwater, Fla.
35	Clark Leonard Hull.....	New Haven, Conn.
28	Albert Cornelius Knudson.....	Cambridge
50	John LaFarge.....	New York, N. Y.
32	Karl Spencer Lashley.....	Orange Park, Fla.
29	Clarence Irving Lewis.....	Lexington
42	Richard Peter McKeon.....	Chicago, Ill.
48	Arthur Edward Murphy.....	Ithaca, N. Y.
50	Gardner Murphy.....	New York, N. Y.
35	Henry Alexander Murray, Jr.....	Boston
47	Norman Burdett Nash.....	Boston
32	Arthur Darby Nock.....	Cambridge
51	Filmer Sears Cuckow Northrop.....	New Haven, Conn.
28	Johnson O'Connor.....	Boston
17	Charles Edwards Park.....	Boston
33	Carroll Cornelius Pratt.....	Princeton, N. J.
49	Willard Van Orman Quine.....	Cambridge
48	Hans Reichenbach.....	Los Angeles, Cal.
50	Herbert Wallace Schneider.....	New York, N. Y.
31	Henry Knox Sherrill.....	New York, N. Y.
27	Willard Learoyd Sperry.....	Cambridge
51	Walter Terence Stace.....	Princeton, N. J.
29	Russell Henry Stafford.....	Hartford, Conn.
46	Stanley Smith Stevens.....	Cambridge
48	Alfred Tarski.....	Berkeley, Cal.
45	Charles Lincoln Taylor, Jr.....	Cambridge
34	Lewis Madison Terman.....	Palo Alto, Cal.
27	Louis Leon Thurstone.....	Chicago, Ill.
50	Paul Johannes Tillich.....	New York, N. Y.
49	Edward Chace Tolman.....	Berkeley, Cal.
17	John Broadus Watson.....	Woodbury, Conn.
35	Robert Sessions Woodworth.....	New York, N. Y.

CLASS IV, SECTION 2—*History, Archaeology, and Anthropology*—49

41	Warren Ortman Ault.....	Waban
28	James Phinney Baxter, 3d.....	Williamstown
50	Herbert Bloch.....	Cambridge
46	Clarence Saunders Brigham.....	Worcester
42	Henry Joel Cadbury.....	Cambridge
50	Helen Maud Cam.....	Cambridge
34	Clarence Gordon Campbell.....	New York, N. Y.

43	Carleton Stevens Coon.....	Devon, Pa.
49	Merle (Eugene) Curti.....	Madison, Wis.
44	William Bell Dinsmoor.....	New York, N. Y.
51	John Dollard.....	New Haven, Conn.
51	Douglas Southall Freeman.....	Richmond, Va.
38	Claude Moore Fuess.....	Chestnut Hill
50	Hetty Goldman.....	Princeton, N. J.
50	Louis Gottschalk.....	Chicago, Ill.
49	Mason Hammond.....	Cambridge
49	James Blaine Hedges.....	Providence, R. I.
43	Hugh O'Neill Hencken.....	Chestnut Hill
14	Bert Hodge Hill.....	Athens, Greece
27	Earnest Albert Hooton.....	Cambridge
33	Halford Lancaster Hoskins.....	Washington, D. C.
47	Wilbur Kitchener Jordan.....	Cambridge
50	Michael Karpovich.....	Cambridge
44	Clyde Kay Maben Kluckhohn.....	Cambridge
12	Alfred Louis Kroeber.....	Berkeley, Cal.
44	Ambrose Lansing.....	New York, N. Y.
49	Kenneth Scott Latourette.....	New Haven, Conn.
32	Waldo Gifford Leland.....	Newton
41	William E. Lingelbach.....	Philadelphia, Pa.
50	Ralph Linton.....	New Haven, Conn.
48	Margaret Mead.....	New York, N. Y.
38	Stewart Mitchell.....	Boston
15	Samuel Eliot Morison.....	Boston
51	George Peter Murdock.....	New Haven, Conn.
46	Otto Eduard Neugebauer.....	Providence, R. I.
51	Allan Nevins.....	New York, N. Y.
34	Robert Henry Pfeiffer.....	Cambridge
50	Conyers Read.....	Philadelphia, Pa.
50	Robert Redfield.....	Chicago, Ill.
34	David Moore Robinson.....	University, Miss.
23	Michael Ivanovich Rostovtzeff.....	New Haven, Conn.
38	Bernadotte Everly Schmitt.....	Alexandria, Va.
36	Donald Scott.....	Cambridge
49	Richard Harrison Shryock.....	Baltimore, Md.
26	Herbert Joseph Spinden.....	Carmel, N. Y.
32	Charles Holt Taylor.....	Cambridge
51	Lily Ross Taylor.....	Bryn Mawr, Pa.
11	Alfred Marston Tozzer.....	Cambridge
39	Henry Rouse Viets.....	Brookline

CLASS IV, SECTION 3—*Philology*—46

48	Bernard Bloch.....	New Haven, Conn.
33	Campbell Bonner.....	Ann Arbor, Mich.

21	Carl Darling Buck.....	Chicago, Ill.
49	Oscar James Campbell.....	New York, N. Y.
48	Yuen Ren Chao.....	Berkeley, Cal.
20	Walter Eugene Clark.....	La Jolla, Cal.
46	George Raleigh Coffman.....	Newton
32	Ronald Salmon Crane.....	Chicago, Ill.
44	Henry Grattan Doyle.....	Washington, D. C.
20	Franklin Edgerton.....	New Haven, Conn.
40	Serge Elisséeff.....	Cambridge
14	Jeremiah Denis Mathias Ford.....	Cambridge
16	Louis Herbert Gray.....	New York, N. Y.
25	William Chase Greene.....	Cambridge
13	Charles Burton Gulick.....	Scarsdale, N. Y.
31	Raymond Dexter Havens.....	Baltimore, Md.
18	George Lincoln Hendrickson.....	New Haven, Conn.
40	Werner Wilhelm Jaeger.....	Watertown
50	Roman Jakobson.....	Cambridge
32	(Ralph) Hayward Keniston.....	Ann Arbor, Mich.
34	Roland Grubb Kent.....	Wynnewood, Pa.
33	Hans Kurath.....	Ann Arbor, Mich.
39	Henry Carrington Lancaster.....	Baltimore, Md.
50	Harry Tuchman Levin.....	Cambridge
33	Ivan Mortimer Linforth.....	Berkeley, Cal.
44	Elias Avery Lowe.....	Princeton, N. J.
35	Benjamin Dean Meritt.....	Princeton, N. J.
28	William Albert Nitze.....	Los Angeles, Cal.
32	George Rapall Noyes.....	Berkeley, Cal.
33	Howard Rollin Patch.....	Northampton
11	Fred Norris Robinson.....	Cambridge
38	Hyder Edward Rollins.....	Cambridge
35	Henry Arthur Sanders.....	Ann Arbor, Mich.
43	Jean Joseph Seznec.....	Cambridge
45	George Wiley Sherburn.....	Cambridge
50	Charles Southward Singleton.....	Cambridge
45	Taylor Starck.....	Cambridge
49	Archer Taylor.....	Berkeley, Cal.
32	William Thomson.....	South Lincoln
11	Charles Cutler Torrey.....	New Haven, Conn.
47	William Freeman Twaddell.....	Providence, R. I.
48	Berthold Louis Ullman.....	Chapel Hill, N. C.
51	Charles Frederick Voegelin.....	Bloomington, Ind.
30	Ernest Hatch Wilkins.....	Newton Center
33	Harry Austryn Wolfson.....	Cambridge
49	Louis Booker Wright.....	Washington, D. C.

CLASS IV, SECTION 4—*The Fine Arts and Belles Lettres*—69

43	Leonard Bacon.....	Peace Dale, R. I.
26	Frank Weston Benson.....	Salem
51	Leonard Bernstein.....	New York, N. Y.
50	E. Power Biggs.....	Cambridge
32	(William) Welles Bosworth.....	Locust Valley, N. Y.
49	Van Wyck Brooks.....	Bridgewater, Conn.
50	John Nicholas Brown.....	Providence, R. I.
47	Richard Burgin.....	Brookline
42	John Nash Douglas Bush.....	Cambridge
45	Samuel Chamberlain.....	Marblehead
32	Chalmers Dancy Clifton.....	New York, N. Y.
49	Robert Peter Tristram Coffin.....	Brunswick, Me.
32	Kenneth John Conant.....	Cambridge
46	William George Constable.....	Cambridge
51	Elizabeth Sprague Coolidge.....	Cambridge
51	Aaron Copland.....	Cambridge
49	Bernard Augustine DeVoto.....	Cambridge
47	John Roderigo Dos Passos.....	Westmoreland County, Va.
49	William Addison Dwiggins.....	Hingham
32	George Harold Edgell.....	Cambridge
21	William Emerson.....	Cambridge
50	Luther Harris Evans.....	Washington, D. C.
18	Edward Waldo Forbes.....	Cambridge
49	Esther Forbes.....	Worcester
31	Robert Frost.....	Ripton, Vt.
27	Wallace Goodrich.....	Manchester
44	Walter Gropius.....	Lincoln
48	Bartlett Harding Hayes.....	Andover
31	Robert Silliman Hillyer.....	Greenwich, Conn.
27	Charles Hopkinson.....	Manchester
12	Mark Antony DeWolfe Howe.....	Boston
38	Joseph Hudnut.....	Cambridge
18	Archer Milton Huntington.....	New York, N. Y.
50	William Mills Ivins, Jr.....	Woodbury, Conn.
45	William Alexander Jackson.....	Cambridge
38	Howard Mumford Jones.....	Cambridge
42	Otto Kinkeldey.....	New York, N. Y.
49	Jack Levine.....	New York, N. Y.
47	Milton Edward Lord.....	Boxford
50	Archibald MacLeish.....	Cambridge
21	Charles Donagh Maginnis.....	Brookline
49	Thomas Mann.....	Pacific Palisades, Cal.
31	Paul Manship.....	New York, N. Y.
48	John Marin.....	Cliffside Park, N. J.
31	Daniel Gregory Mason.....	New York, N. Y.

31	Frank Jewett Mather.....	Princeton, N. J.
44	Charles Rufus Morey.....	Princeton, N. J.
47	Lewis Mumford.....	New York, N. Y.
50	Charles Munch.....	Boston
48	Thomas Munro.....	Cleveland, O.
31	Kenneth Ballard Murdock.....	Boston
48	Erwin Panofsky.....	Princeton, N. J.
(24)	32 Anthony John Philpott.....	Arlington
41	Walter Hamor Piston, Jr.....	Belmont
49	Lucien Price.....	Boston
22	Paul Joseph Sachs.....	Cambridge
50	Charles Henry Sawyer.....	New Haven, Conn.
14	Ellery Sedgwick.....	Beverly
19	Henry Dwight Sedgwick.....	Dedham
48	Bruce Simonds.....	Hamden, Conn.
39	Francis Henry Taylor.....	New York, N. Y.
43	Randall Thompson.....	Cambridge
45	Martin Wagner.....	Cambridge
51	Robert Penn Warren.....	New Haven, Conn.
46	Edward Augustus Weeks, Jr.....	Boston
39	Karl Ephraim Weston.....	Williamstown
51	George Frisbie Whicher.....	Amherst
51	Edgar Wind.....	Northampton
46	William Wilson Wurster.....	San Francisco, Cal.

FELLOWS EMERITI—56

CLASS I—MATHEMATICAL AND PHYSICAL SCIENCES—11

CLASS I, SECTION 1—1

15	Frank Lauren Hitchcock.....	Locust Valley, N. Y.
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CLASS I, SECTION 2—2

39	Lyman James Briggs.....	Washington, D. C.
12	Maurice deKay Thompson.....	Boston

CLASS I, SECTION 3—6

19	Arthur Alphonso Blanchard.....	Brookline
40	William Lloyd Evans.....	Columbus, O.
15	George Shannon Forbes.....	Cambridge
32	Kenneth Lamartine Mark.....	Boston
14	Samuel Cate Prescott.....	Brookline
19	Robert Seaton Williams.....	Belmont

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CLASS I, SECTION 4—2

- 32 Ralph Restieaux Lawrence.....Belmont
- 30 George Edmond Russell.....Lexington

CLASS II—NATURAL AND PHYSIOLOGICAL SCIENCES—14

CLASS II, SECTION 1—5

- 09 Reginald Aldworth Daly.....Cambridge
- 34 Sterling Price Fergusson.....Milton
- [03] 44 Charles Palache.....Cambridge
- 17 Percy Edward Raymond.....Lexington
- 11 Hervey Woodburn Shimer.....Hingham

CLASS II, SECTION 2—3

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- 30 Fritz Bradley Talbot.....Wianno

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27	Ejnar Hertzsprung.....	Leiden
45	Sir Harold Spencer Jones.....	Greenwich
46	Bertil Lindblad.....	Stockholm
46	Jan Hendrik Oort.....	Leiden
47	Meghnad N. Saha.....	Calcutta
47	G. A. Shajn.....	Simeis, U. S. S. R.
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29	Hermann Weyl.....	Princeton, N. J.

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29	Heinrich Wieland.....	Munich

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29	Emil Probst.....	Oxford
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34	Arthur Holmes.....	Edinburgh
22	Emmanuel de Margerie.....	Paris
47	Wong Wen-hao.....	Nanking

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48	P. Boysen-Jensen.....	Copenhagen
46	Rudolf Florin.....	Stockholm
50	Hendrik Gunnar Lundegårdh.....	Uppsala
47	P. Maheshwari.....	Dacca, India
42	Lorenzo Raimundo Parodi.....	Buenos Aires
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35	Sir William Wright Smith.....	Edinburgh
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38	Kenzo Takayanagi.....	Tokyo
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- 28 Arthur Cecil Pigou.....Cambridge, England
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31	Edgar Allison Peers.....	Liverpool
48	Jan Hendrik Scholte.....	Amsterdam
49	Levin Ludwig Schücking.....	Erlangen, Bavaria
41	Jean Julius Christian Sibelius.....	Helsinki
40	Igor Stravinsky.....	Hollywood, Cal.
50	Sir Stanley Unwin.....	London
50	Rebecca West.....	Ibstone, Bucks, England

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 Geny, F. FHM, III:1
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 Stouffer, S. A. F, III:3
 Stratton, J. A. F, I:2
 Stravinsky, I. FHM, IV:4
 Street, J. C. F, I:2
 Struik, D. J. F, I:1
 Struve, O. F, I:1
 Sturtevant, A. H. F, II:3
 Sulzberger, A. H. F, III:4
 Sumner, J. B. F, I:3
 Svedberg, T. FHM, I:3
 Sverdrup, H. U. F, II:1
 Swan, T. W. F, III:1
 Taft, P. F, III:3
 Takayanagi, K. FHM, III:2
 Talbot, F. B. FE, II:4
 Talbot, N. B. F, II:4
 Tarski, A. F, IV:1
 Taylor, A. F, IV:3
 Taylor, C. F. F, I:4
 Taylor, C. H. F, IV:2
 Taylor, C. L., Jr. F, IV:1
 Taylor, E. S. F, I:4
 Taylor, F. H. F, IV:4
 Taylor, H. S. F, I:3
 Taylor, L. R. F, IV:2
 Taylor, W. R. F, II:2
 Terman, L. M. F, IV:1
 Terzaghi, K. F, I:4
 Thannhauser, S. J. F, II:4
 Theorell, H. FHM, II:3
 Thimann, K. V. F, II:2

- Thomas, F. W. FHM, IV:3
 Thompson, M. deK. FE, I:2
 Thompson, R. F, IV:4
 Thomson, G. H. FHM, IV:1
 Thomson, Sir G. P. FHM, I:2
 Thomson, W. F, IV:3
 Thorn, G. W. F, II:4
 Thurstone, L. L. F, IV:1
 Tillich, P. J. F, IV:1
 Tisza, L. F, I:2
 Tolman, E. C. F, IV:1
 Torrey, C. C. F, IV:3
 Tosdal, H. R. F, III:3
 Toynbee, A. J. FHM, IV:2
 Tozzer, A. M. F, IV:2
 Trevelyan, G. M. FHM, IV:2
 Trump, J. G. F, I:4
 Tsien, H.-S. F, I:4
 Tucker, D. S. F, III:3
 Turner, C. E. FE, III:4
 Tuve, M. A. F, I:2
 Twaddell, W. F. F, IV:3
 Tyzzer, E. E. F, II:4
 Ulich, R. F, III:3
 Ullman, B. L. F, IV:3
 Unwin, Sir S. FHM, IV:1
 Urey, H. C. F, I:3
 Usher, A. P. FE, III:3
 Vallarta, M. S. F, I:2
 Vallée Poussin, C. J., de la FHM, I:1
 Van de Graaff, R. J. F, I:2
 Van Hook, L. R. FE, IV:3
 Van Niel, C. B. F, II:2
 Van Vleck, J. H. F, I:2
 Vaughan, T. W. F, II:1
 Veblen, O. F, I:1
 Vecchio, G., Del FHM, III:1
 Verhoeff, F. H. F, II:4
 Vickery, H. B. F, II:3
 Viets, H. R. F, IV:2
 Vigneaud, V., du F, I:3
 Viner, J. F, III:3
 Voegelin, C. F. F, IV:3
 von Hippel, see Hippel
 von Kármán, see Kármán
 von Laue, see Laue
 von Mises, see Mises
 von Neumann, see Neumann
 Wagner, K. W. FHM, I:4
 Wagner, M. F, IV:4
 Waksman, S. A. F, II:2
 Wald, G. F, II:3
 Walsh, J. L. F, I:1
 Wambaugh, S. F, III:2
 Wardlaw, C. W. FHM, II:2
 Warner, E. P. F, I:4
 Warren, B. E. F, I:2
 Warren, R. P. F, IV:4
 Warren, S. F, II:4
 Washburn, H. B. FE, IV:1
 Watson, J. B. F, IV:1
 Wearn, J. T. F, II:4
 Weber, H. C. F, I:4
 Webster, D. L. F, I:2
 Webster, W. F, III:4
 Weeks, E. A., Jr. F, IV:4
 Weisskopf, V. F. F, I:2
 Weizmann, C. FHM, I:3
 Welles, S. F, III:2
 Welsh, J. H. F, II:3
 Went, F. W. F, II:2
 West, R. FHM, IV:4
 Weston, G. B. FE, IV:3
 Weston, K. E. F, IV:4
 Weston, W. H., Jr. F, II:2
 Wetmore, R. H. F, II:2
 Weyl, H. FHM, I:1
 Weyssie, A. W. F, II:3
 Whicher, G. F. F, IV:4
 Whipple, F. L. F, I:1
 White, L. D. F, III:4
 White, P. D. F, II:4
 White, P. R. F, II:2
 White, W. L. F, II:2
 Whitehead, T. N. F, III:3
 Whitehill, W. M. F, III:4
 Whitman, E. A. FE, III:1
 Whitman, W. G. F, I:4
 Whitney, W. R. F, I:3
 Whittlesey, D. S. F, II:1
 Widder, D. V. F, I:1
 Wieland, H. FHM, I:3

- Wigner, E. P. F, I:2
Wilbur, J. B. F, I:4
Wilkins, E. H. F, IV:3
Williams, C. M. F, II:3
Williams, J. H. F, III:3
Williams, R. S. FE, I:3
Willits, J. H. F, III:3
Willoughby, W. F. F, III:2
Wilson, C. E. F, III:4
Wilson, C. L. F, III:4
Wilson, E. B. F, I:2
Wilson, E. B., Jr. F, I:3
Wilson, H. E. F, III:2
Wilson, J. W. F, II:3
Wilson, T. J. F, III:4
Wind, E. F, IV:4
Winship, L. L. F, III:4
Wislocki, G. B. F, II:3
Wolbach, S. B. F, II:4
Wolfson, M. L. F, I:3
Wolfson, H. A. F, IV:3
Wolman, L. F, III:3
Wong Wen-hao FHM, II:1
Wood, R. W. F, I:2
Woodward, R. B. F, I:3
Woodworth, R. S. F, IV:1
Worrell, W. H. FE, IV:3
Wright, B. F. F, III:4
Wright, Baron FHM, III:1
Wright, C. H. C. FE, IV:4
Wright, F. E. F, II:1
Wright, L. B. F, IV:3
Wright, Q. F, III:2
Wright, S. F, II:3
Wriston, H. M. F, III:4
Wu, J. C. H. FHM, III:1
Wulff, J. F, I:4
Wurster, W. W. F, IV:4
Wyckoff, R. W. G. F, II:3
Wyman, J., Jr. F, II:3
Wyman, L. C. F, II:3
Wyzanski, C. E., Jr. F, III:1
Yeomans, H. A. F, III:2
Yerkes, R. M. F, II:3
Young, B. L. F, III:4
Young, O. D. F, III:4
Young, R. C. F, I:3
Zacharias, J. R. F, I:2
Zariski, O. F, I:1
Zimmerman, C. C. F, III:3
Zimmern, Sir A. FHM, III:2
Zworykin, V. K. F, I:4

STATUTES

THE AMERICAN ACADEMY OF ARTS AND SCIENCES

Adopted November 8, 1911: amended May 8, 1912, January 8, and May 14, 1913, April 14, 1915, April 12, 1916, April 10, 1918, May 14, 1919, February 8, April 12, and December 13, 1922, February 14, March 14, and October 10, 1923, March 10, 1926, May 9, 1928, April 8, and November 11, 1931, April 12, 1933, February 14, 1934, December 14, 1938, January 11, April 12, 1939, May 8, 1940, May 14, 1941, November 18, 1942, and January 12, 1944, May 9, 1945, November 14, 1945, February 2, 1946, October 9, 1946, October 8, 1947, March 9, 1949, and October 11, 1950.

CHAPTER I

THE ACADEMY AND ITS CORPORATE SEAL

ARTICLE 1. The American Academy of Arts and Sciences is a body politic and corporate by the same name, forever, established by the Council and House of Representatives in General Court of the Province of Massachusetts Bay as recorded in Chap. 46 of the Acts of 1779.

ARTICLE 2. As enacted above, the stated end and design of the institution of the said Academy is to promote and encourage the knowledge of the antiquities of America, and of the natural history of the country, and to determine the uses to which the various natural productions of the country may be applied; to promote and encourage medical discoveries, mathematical disquisitions, philosophical enquiries and experiments, astronomical, meteorological and geographical observations; and improvements in agriculture, arts, manufacture and commerce; and, in fine, to cultivate every art and science which may tend to advance the interest, honor, dignity and happiness of a free, independent and virtuous people.

ARTICLE 3. The Corporate Seal of the Academy shall be as here depicted.



ARTICLE 4. The Secretary shall have the custody of the Corporate Seal.

See Chap. v, art. 3; chap. vi, art. 1.

CHAPTER II

MEMBERSHIP AND DUES

ARTICLE 1. The Academy shall consist of Fellows, elected from the citizens or residents of the United States of America, Fellows Emeriti, and Foreign Honorary Members. They are arranged in four Classes, according to the Arts and Sciences in which they are severally proficient, and each Class shall be divided into four Sections, namely:

CLASS I. *The Mathematical and Physical Sciences*

- Section 1. Mathematics and Astronomy
- Section 2. Physics
- Section 3. Chemistry
- Section 4. Technology and Engineering

CLASS II. *The Natural and Physiological Sciences*

- Section 1. Geology, Mineralogy, and Physics of the Globe
- Section 2. Botany
- Section 3. Zoology and Physiology
- Section 4. Medicine and Surgery

CLASS III. *The Social Arts*

- Section 1. Jurisprudence
- Section 2. Government, International Law, and Diplomacy
- Section 3. Economics and Sociology
- Section 4. Administration and Affairs

CLASS IV. *The Humanities*

- Section 1. Theology, Philosophy, and Psychology
- Section 2. History, Archaeology, and Anthropology
- Section 3. Philology
- Section 4. The Fine Arts and Belles Lettres

ARTICLE 2. The number of Fellows shall not exceed one thousand, of whom not more than two-thirds shall be residents of New England, nor shall there be more than two hundred and seventy-five in any one Class.

Any Fellow of the Academy on retiring from his academic or other regular duties may, if he so requests in writing, and with the approval of the Council, be transferred to the status of Fellow Emeritus.

Fellows Emeriti shall be exempt from payment of dues. They may not hold elective office in the Academy, nor serve on Standing Com-

mittees, nor vote at meetings, but shall have all the other privileges of Fellowship.

Fellows Emeriti shall be separately classified and shall be outside the statutory limit set on the total number of Fellows and the number in a given Class.

See Chap. ix, art. 3; chap. x, art. 1.

ARTICLE 3. The number of Foreign Honorary Members shall not exceed one hundred and fifty. They shall be chosen from citizens of foreign countries who are eminent for their discoveries or attainments in any of the Classes above enumerated. There shall be not more than forty-five in any one Class.

ARTICLE 4. Diplomas signed by the President and the Vice-President of the Class to which the member belongs, and countersigned by the Secretary, shall be given to Fellows and Foreign Honorary Members.

ARTICLE 5. If any person, after being notified of his election as Fellow or Foreign Honorary Member, shall neglect for six months to accept in writing, his election shall be void.

ARTICLE 6. Every Fellow hereafter elected shall pay an Admission Fee of ten dollars: if he shall neglect to pay this Fee within six months of the date of his election, his election shall become void.

Every Fellow resident within fifty miles of Boston shall pay, unless he enjoys statutory exemption, such Annual Dues, not exceeding fifteen dollars, as shall be voted annually in March by the Academy. These shall become due on the first of June.

Every Fellow residing more than fifty miles from Boston elected after 1938 shall pay, unless he enjoys statutory exemption, and other non-resident Fellows may pay, Annual Dues equal to one-half the amount set for resident Fellows.

ARTICLE 7. Exemption from further payment of Annual Dues shall be granted by the Council or its designate to any Fellow who has paid such dues, at either resident or non-resident rate, for forty years; or having attained the age of seventy-five, has paid dues for twenty-five years.

Exemption from further payment of Annual Dues shall be granted forthwith by the Council or its designate to any Fellow who pays into the treasury of the Academy the sum of two hundred dollars for the purpose of commuting subsequent dues, in addition to his previous payments.

ARTICLE 8. Any Fellow, resident or non-resident, who shall neglect to pay his Annual Dues for six months after they are due and who ignores notification by the Treasurer of the requirements of this Article of the Statutes shall cease to be a Fellow.

ARTICLE 9. Upon petition of any Fellow, the Council may by a majority vote suspend the application of any penalties hereinabove prescribed in this chapter for an additional period of time not longer than three months.

ARTICLE 10. Only Fellows who pay Annual Dues or are exempted from further payment by commutation of dues or otherwise as set forth in Article 7 of this Chapter may hold elective office in the Academy or serve on Standing Committees as specified in Chapter XI, or vote at meetings.

ARTICLE 11. If, in the opinion of a majority of the entire Council, any Fellow or Foreign Honorary Member shall have rendered himself unworthy of a place in the Academy, the Council shall recommend to the Academy the termination of his membership; and if three-fourths of the Fellows present out of a total attendance of not less than fifty at a Stated Meeting, or at a Special Meeting called for the purpose, shall adopt this recommendation, his name shall be stricken from the Roll.

See Chap. iii; chap. vi, art. 5 and 6; chap. x, art. 1.

CHAPTER III

NOMINATION AND ELECTION OF FELLOWS AND FOREIGN HONORARY MEMBERS

The procedure for nomination and election of Fellows and Foreign Honorary Members shall be as follows:

ARTICLE 1. Nominations may be made at any time by any two Fellows in writing on forms to be provided by the Secretary and shall be referred by him to the Committee on Membership.

The Committee on Membership shall meet following the stated meetings of the Academy in May, November, February and March, and at such other times as it may determine, to appraise nominations received by it from the Fellows from time to time, to originate further nominations, and to approve as candidates for election those receiving the favorable vote of two-thirds of the committee members present in any meeting attended by not less than five of its members.

Immediately following its meeting in February, the Committee shall cause to be sent to every Fellow a list of nominees, with biographical

and professional data thereon, together with names of nominators, for appraisal, expression of preference, or other comment by the Fellows.

The Committee, at its March meeting, shall review all nominations, together with comments by the Fellows thereon, and shall compile a list of approved candidates for the annual election of Fellows and Foreign Honorary Members. It shall present this list together with data pertaining thereto to the Council not later than at the Stated Meeting of the Council in April.

The Council, by vote of the majority of members present at a meeting, shall make final nominations from the list of approved persons recommended by the Committee on Membership for election by the Fellows.

ARTICLE 2. Election of Fellows and Foreign Honorary Members shall be made by a majority of the Fellows present at the Annual Meeting in May, from the nominations presented at that meeting by the Council.

ARTICLE 3. Each Fellow-elect or Foreign Honorary Member-elect shall immediately following his election be notified thereof in writing by the Secretary.

See Chap. ii; chap. vi, art. 5; chap. x, art. 1; chap. xi, art. 1 (ii).

CHAPTER IV OFFICERS

ARTICLE 1. The Officers of the Academy shall be a President (who shall be Chairman of the Council), four Vice-Presidents (one from each Class), a Secretary (who shall be Secretary of the Council), a Treasurer, a Librarian, and an Editor, all of whom shall be elected by ballot at the Annual Meeting, and shall take office at the close of that meeting, and shall hold their respective offices for one year, and until others are duly chosen and take office.

There shall be also sixteen Councillors, one from each Section of each Class. At each Annual Meeting four Councillors, one from each Class, shall be elected by ballot to serve for a term of four years, and they shall take office at the close of that meeting, and shall hold office until others are duly chosen and take office. The same Fellows shall not be eligible for two successive terms.

The Councillors, with the officers previously named, and the Chairmen of the Standing Committees, *ex officio*, shall constitute the Council.

See Chap. xi, art. 1.

ARTICLE 2. If any officer be unable, through death, absence, or disability, to fulfill the duties of his office, or if he shall resign, his place may be filled by the Council in its discretion for any part or the whole of the unexpired term.

ARTICLE 3. The Nominating Committee, as constituted under Chapter XI, Article 1 (xi), shall prepare a list of nominees for the several offices to be filled, and for the Standing Committees, and file it with the Secretary not later than eight weeks before the Annual Meeting.

The Secretary shall transmit to the Fellows, previous to the stated meeting in April, the report of the Nominating Committee.

ARTICLE 4. Independent nominations for any office, if signed by at least twenty Fellows having the right to vote, and received by the Secretary not less than twenty days before the Annual Meeting, shall be included in the election procedure.

ARTICLE 5. The Secretary shall prepare for use in voting at the Annual Meeting a ballot containing the names of all persons duly nominated for office.

CHAPTER V

THE PRESIDENT

ARTICLE 1. The President, or in his absence a Vice-President, shall preside at meetings of the Academy.

See Chap. vi, art. 3.

ARTICLE 2. The President shall be the chief executive officer of the Academy. He shall present to the Council for its consideration all matters pertinent to the interests of the Academy and to the discharge of its obligations to the community or to the advancement of scholarship.

ARTICLE 3. Any deed or writing to which the Corporate Seal is to be affixed, except leases of real estate, shall be executed in the name of the Academy by the President or in the event of his death, absence, or inability, by one of the Vice-Presidents, when thereto duly authorized by the Council.

ARTICLE 4. In case of incapacity of the President, the Council shall designate a Vice-President to carry out the duties of the office.

See Chap. ii, art. 4; chap. iv, art. 1, 3; chap. vi, art. 3; chap. viii, art. 4; chap. x, art. 3; chap. xi, art. 1 (ii), (iii), (x); chap. xii, art. 1.

CHAPTER VI

THE SECRETARY

ARTICLE 1. The Secretary shall provide for the custody of the Charter, Corporate Seal, Statute Book, Journals of the Academy, and other Archives.

ARTICLE 2. He shall be responsible for the correspondence of the Academy and of the Council. At each meeting of the Council he shall present any important communications addressed to the Academy which have been received since the previous meeting, and at the next meeting of the Academy he shall present such matters as the Council may determine.

ARTICLE 3. He shall attend the meetings of the Academy and the Council and shall arrange for the keeping of a faithful record of the attendance and of the proceedings. In the absence of the President and of all the Vice-Presidents, he shall call the meeting to order and preside until a chairman is chosen by majority vote of the Fellows present.

ARTICLE 4. He shall apprise officers and committees of their election or appointment, and inform the Treasurer and the Chairman of each Standing Committee of appropriations of money voted by the Academy.

ARTICLE 5. He shall notify all persons who may be elected Fellows or Foreign Honorary Members, send to each a copy of the Statutes, and on their acceptance issue the proper Diploma. After all elections, he shall insert in the Records the names of the Fellows by whom the successful nominees were proposed.

ARTICLE 6. He shall keep and cause to be printed annually a list of the Fellows and Foreign Honorary Members, arranged in their several Classes and Sections, and a list of Fellows and Foreign Honorary Members of whose deaths he has been informed.

ARTICLE 7. He shall arrange for the preservation of records of the death of Fellows and Foreign Honorary Members and biographical notices published on the occasion of their death, or at other times.

See Chap. i, art. 2; chap. ii, art. 4; chap. iii; chap. iv, art. 1, 3, 4, 5; chap. ix, art. 3; chap. xi, art. 1 (iii), 2; chap. xii, art. 1, 3.

CHAPTER VII

THE TREASURER AND THE TREASURY

ARTICLE 1. The Treasurer shall collect all money due or payable to the Academy and all gifts or bequests made to it. He shall pay all bills due and payable by the Academy when approved by the proper officers. He shall sign all leases of real estate in the name of the Academy. He shall be the official custodian of all bonds, stocks and other securities and, with the written approval of any one member of the Committee on Finance, he shall have full authority to sell and transfer, invest and reinvest from time to time in such manner and upon such terms as shall to him seem best, the whole or any part of the personal property of the said Academy.

He shall keep a faithful account of all receipts and expenditures, submit his accounts annually to the Auditing Committee, and render them at the expiration of his term of office, or whenever required to do so by the Academy or the Council.

He shall keep separate accounts of the income of the Rumford Fund, and of all other special Funds, and of the appropriation thereof, and render them annually.

He shall fund all payments received in commutation of Dues, their income only to be applied toward current expenditures.

His accounts shall always be open to the inspection of the Council.

ARTICLE 2. He shall report annually to the Council at its March meeting on the expected income of the various Funds and from all other sources, together with appropriations needed by Officers and Standing Committees for the ensuing fiscal year. He shall also report the names of all Fellows who may be then delinquent in the payment of their Annual Dues.

ARTICLE 3. He shall give such security for the trust reposed in him as the Academy may require.

ARTICLE 4. With the approval of a majority of the Committee on Finance, he may appoint an Assistant Treasurer to perform his duties, for whose acts, as such assistant, he shall be responsible; or, with like approval and responsibility, he may employ any Trust Company doing business in Boston as his agent for the same purpose, the compensation of such Assistant Treasurer or agent to be fixed by the Committee on Finance and paid from the Funds of the Academy.

ARTICLE 5. At the Annual Meeting he shall report in print all his official doings for the preceding year, stating the amount and condition of all the property of the Academy entrusted to him, and the character of the investments.

ARTICLE 6. The Financial Year of the Academy shall begin with the first day of April.

ARTICLE 7. No person or committee shall incur any debt or liability in the name of the Academy, unless in accordance with a previous vote and appropriation therefor by the Academy or the Council, or sell or otherwise dispose of any property of the Academy, except cash or invested funds, without previous consent and approval of the Council.

See Chap. ii, art. 2, 6, 7, 8; chap. iv, art. 1; chap. vi, art. 4; chap. ix, art. 6; chap. xi, art. 1 (i), (iv), (v), art. 2; chap. xii, art. 1.

CHAPTER VIII

THE LIBRARIAN AND THE LIBRARY

ARTICLE 1. The Librarian shall have charge of the Library and keep a correct catalog of it.

ARTICLE 2. The Librarian shall have authority to expend such sums as may be appropriated by the Academy for the purchase, repair, or maintenance of books, periodicals, etc., and for defraying other necessary expenses connected with the Library.

ARTICLE 3. The Librarian shall have the custody of the publications of the Academy. With the advice and consent of the President, he may effect exchanges with other associations.

See Chap. iv, art. 1; chap. xi.

CHAPTER IX

THE EDITOR AND THE PUBLICATIONS

ARTICLE 1. The Editor shall have charge of the conduct through the press of the publications of the Academy. Together with the Committee on Publication he shall determine the contents of the publications.

ARTICLE 2. The publications of the Academy shall be as follows:

(i) The Proceedings shall be published at least semi-annually as soon as may be possible after the Annual May Meeting, and the stated December meeting next following, and shall contain a record of each stated or special meeting of the Academy. They shall be known respectively as the Summer and Winter numbers of the Proceedings.

The Summer number of the Proceedings shall include reports of the officers and standing committees for the preceding year; a list of the officers, councillors and members of standing committees elected at

the preceding Annual Meeting; and such other matter as the Publication Committee may approve.

The Winter number of the Proceedings shall include a current list of officers, councillors, standing committees, Fellows and Foreign Honorary Members; the Statutes of the Academy; the Act of Incorporation of 1780 and its amendments; and such biographical notices or other matter as the Committee on Publication may approve.

In the discretion of the Committee on Publication, interim numbers of the Proceedings may be issued for the publication of accepted serial papers or other scholarly material.

(ii) Memoirs, monographs and volumes of collected papers may be published from time to time.

(iii) The Bulletin of the American Academy of Arts and Sciences shall be published eight times each year preceding the stated meetings, containing notices of such meetings, communications from the Council or Officers, and such other matter as may be of timely interest to the Fellows.

ARTICLE 3. A copy of the Summer and Winter numbers of the Proceedings shall be mailed to each Fellow, Fellow Emeritus, and Foreign Honorary Member.

A copy of the Bulletin shall be mailed to each Fellow and Fellow Emeritus, and Foreign Honorary Member.

A copy of any Interim number of the Proceedings shall be mailed only to those Fellows, Fellows Emeriti, and Foreign Honorary Members, who shall make written request to the Secretary for that number.

ARTICLE 4. Fellows who pay Annual Dues or who are exempted from further payment thereof under Chapter II, Article 7, Fellows Emeriti, and Foreign Honorary Members shall be entitled, upon written request to the Librarian, to receive gratis one copy of each number of Proceedings, Memoirs, and Bulletin which have been issued after their election and are available.

ARTICLE 5. Not more than two hundred extra copies of each paper printed in the Proceedings shall be placed at the disposal of the author without charge.

ARTICLE 6. The Editor shall have the authority to expend for printing and other expenses of publication such sums as may be appropriated by the Academy for such purposes; also such sums as may be made available to him by the Council from any source for particular publications under the sponsorship of the Academy.

See Chap. iv, art. 1; chap. xi, art. 1 (vi).

CHAPTER X

THE COUNCIL

ARTICLE 1. The Council shall exercise general supervision over all affairs of the Academy not explicitly reserved to the Academy as a whole.

It shall consider all nominations of Fellows and Foreign Honorary Members duly sent to it by the Committee on Membership, and act upon them in accordance with the provisions of Chapter III.

With the consent of the person concerned it shall have power to transfer in respect to status, Class, or Section.

ARTICLE 2. Nine members shall constitute a quorum.

ARTICLE 3. It shall act upon all resignations and forfeitures of membership in the Academy.

It shall appoint all agents and subordinates not otherwise provided for by the Statutes, prescribe their duties, and fix their compensation. They shall hold their respective positions during the pleasure of the Council.

It shall fill any vacancy caused by death, resignation or incapacity of any officer.

ARTICLE 4. It may authorize the appointment for terms not exceeding one year, and prescribe the functions of such committees of its number or of the Fellows of the Academy, as it may deem expedient, to facilitate the administration of the affairs of the Academy or to promote its interests.

ARTICLE 5. At the stated March meeting of the Academy it shall recommend for action at that meeting the appropriations which in its opinion should be made for the ensuing fiscal year, and the Annual Dues therefor.

It may recommend special appropriations at any Stated Meeting of the Academy, or at a Special Meeting, in the call for which such business shall have been included.

See Chap. ii, art. 2, 10; chap. iii, art. 1, 2; chap. iv, art. 1, 2; chap. v, art. 2, 3; chap. vi, art. 2, 3; chap. vii, art. 1, 2, 7; chap. ix, art. 6; chap. xi, art. 1; chap. xii, art. 1, 4, 6.

CHAPTER XI

STANDING COMMITTEES

ARTICLE 1. At each Annual Meeting, the following Standing Committees shall be perpetuated by election by ballot by the Fellows of the appropriate number of nominees to maintain the strength of each

committee as provided hereinbelow. A Fellow shall not be eligible for election for two successive terms.

(i) *The House Committee* shall consist of three Fellows, one of whom shall be elected at each Annual Meeting to serve for a term of three years. One member of this committee shall in such an election be designated by the electors to serve as Chairman of the House Committee for the duration of the term for which he has been elected as a member of the committee. It shall have general charge of maintaining the House of the Academy in suitable condition for the uses thereof approved by the Council.

The Chairman of the House Committee or his designate shall approve in writing all expenditures within its authorized budget or special appropriations for repairs, services, supplies, or operation of the House, including compensation of House employees.

The House Committee, in consultation with the Treasurer, shall determine the equitable proportion of expense to be assessed for the use of the facilities of the House which have been approved by the Council for other than Academy activities.

(ii) *The Committee on Membership* shall consist of the President, *ex officio*, as Chairman, and eight other Fellows, one of whom from each of the four Classes shall be elected annually to serve for a term of two years. It shall have the duties designated to it in Chapter III.

(iii) *The Committee on Meetings* shall consist of the President as Chairman, the Secretary, who shall act as secretary of the committee, and the four Vice-Presidents, *ex officio*, together with four other Fellows, one from each Class, two of whom shall be elected annually to serve for a term of two years. It shall arrange for meetings of the Academy.

(iv) *The Committee on Finance* shall consist of the Treasurer as Chairman, *ex officio*, and four other Fellows, two of whom shall be elected annually to serve for a term of two years. It shall have general supervision of the investments of the Academy.

(v) *The Auditing Committee* shall consist of two Fellows, one of whom shall be elected annually to serve for a term of two years. It shall audit the accounts of the Treasurer with power to employ an expert and to approve the payment of his charges.

(vi) *The Committee on Publication* shall consist of the Editor as Chairman, *ex officio*, and four other Fellows, one from each Class,

two of whom shall be elected annually to serve for a term of two years. It shall have the authority and the responsibility of determining the contents and of effecting the printing of the publications of the Academy as set forth in Chapter IX.

(vii) *The Permanent Science Fund Committee* shall consist of seven Fellows of whom there shall be elected at Annual Meetings in each triennium, respectively, two, two, and three members, each to serve for a term of three years. One member of this Committee shall, in such an election, be designated by the electors to serve as Chairman for the duration of the term for which he has been elected as a member of the Committee. It shall review all applications for grants addressed to it and shall from time to time recommend to the Council appropriate disbursements from the income received by the Academy from the Trustee of the Permanent Science Fund, for carrying out the purposes set forth in the Agreement and Declaration of Trust which governs the use of this income.

(viii) *The Rumford Committee* shall consist of seven Fellows of whom there shall be elected at Annual Meetings in each triennium, respectively, two, two, and three members, each to serve for a term of three years. One member of this Committee shall, in such an election, be designated by the electors to serve as Chairman for the duration of the term for which he has been elected as a member of the Committee. It shall invite applications for pecuniary assistance in support of researches in the general fields of heat and light broadly interpreted, and shall from time to time recommend to the Council disbursements in support thereof from the income from the Rumford Fund. Biennially it shall recommend to the Council a candidate for the reception of the Rumford Medal to be awarded in accordance with the Rumford trust, and shall in general see to the proper execution of this trust.

(ix) *The C. M. Warren Committee* shall consist of seven Fellows of whom there shall be elected at Annual Meetings in each triennium, respectively, two, two, and three members, each to serve for a period of three years. One member of this Committee shall, in such an election, be designated by the electors to serve as Chairman for the duration of the term for which he has been elected as a member of the Committee. It shall invite applications for pecuniary assistance from any person wishing to engage in research in any branch of chemistry, and shall recommend to the Council such applications as seem worthy of aid and such other disbursements from the income

of the C. M. Warren Fund as it deems appropriate to the advancement of research in chemistry.

(x) *The Amory Prize Committee* shall consist of seven Fellows, each of whom shall serve from the time of his election until his successor is elected. Immediately after the Annual Meeting in 1950 and at least every seventh year thereafter it shall at the call of its senior officer, meet and elect from its own members, a chairman and a secretary, each to serve for seven years or until his successor is elected in a similar manner at an interim meeting at which at least five members shall cast their votes. For each septennium beginning with that which was concluded on November 10, 1933, it shall recommend to the Council for its approval a recipient or recipients of the Amory Prize and a gold medal or other token of honor and merit to be conferred upon each by the President and Fellows of the Academy in recognition of an invention or other contribution in the medical field specified in and according to the terms of the bequest of Francis Amory.

(xi) *The Nominating Committee* shall consist of twelve Fellows, three from each Class, having the right to vote. The members of the first Nominating Committee constituted hereunder shall be appointed within each Class by the President for terms of one, two and three years. The President shall also appoint one of the Committee to act as Chairman. Thereafter, as vacancies in the membership of the Committee occur, four members, one from each Class, shall be elected annually to serve for a term of three years, one member at such election being designated to act as Chairman for the duration of the term for which he has been elected as a member of the Committee. Nominations for such elections, within each Class, shall be by a vote of the Committee.

ARTICLE 2. Each Standing Committee shall confine its recommendations and its expenditures to such sum in each fiscal year as shall have been notified to its Chairman by the Secretary of the Academy as appropriations voted by the Academy, or by the Treasurer as income available for its purposes.

ARTICLE 3. Each Standing Committee shall report to the Academy at the Annual Meeting its acts of the previous year.

See Chap. iii; chap. iv, art. 1, 3; chap. vi, art. 4; chap. vii, art. 1, 2, 4; chap. ix, art. 1, 2.

CHAPTER XII

MEETINGS, COMMUNICATIONS, AND AMENDMENTS

ARTICLE 1. There shall be annually eight Stated Meetings of the Academy, namely, on the second Wednesday of October, November, December, January, February, March, April, and May. Only at these meetings, or at adjournments thereof regularly notified, or at Special Meetings called for the purpose, shall appropriations of money be made or amendments of the Statutes be effected.

The Stated Meeting in May shall be the Annual Meeting of the Corporation.

Special Meetings shall be called by the Secretary at the request of the President, of the Council, or of ten Fellows having the right to vote; and notifications thereof shall state the purpose for which the meeting is called.

The Council shall have authority, as occasion may demand, to arrange additional meetings and to cancel any of the statutory meetings, except that meetings for transacting business shall be held as required by the Statutes.

ARTICLE 2. Except as otherwise provided, twenty-five Fellows having the right to vote shall constitute a quorum for the transaction of business at Stated or Special Meetings. Eighteen Fellows shall be sufficient to constitute a meeting for literary or scientific communications and discussions.

ARTICLE 3. Upon the request of the presiding officer or the Secretary, any motion or resolution offered at any meeting shall be submitted in writing.

ARTICLE 4. Fellows may introduce guests at any of the literary or scientific meetings of the Academy.

ARTICLE 5. All amendments to the Statutes, whether proposed by Fellows or by the Council, shall be considered by the Council and reported with recommendations for action to the Academy. At a subsequent Stated Meeting, or at a Special Meeting called for the purpose, the notice for which in either case shall state this proposed amendment, the Academy shall act upon the amendment. Two-thirds of the Fellows present, in a meeting of not less than forty Fellows, must vote in the affirmative to enact the amendment.

See Chap. ii, art. 6, 10; chap. iii, art. 1, 2; chap. iv, art. 1, 3, 4, 5; chap. v, art. 1; chap. vi, art. 2, 3; chap. vii, art. 2, 5; chap. ix, art. 2; chap. x, art. 5; chap. xi, art. 1, 3.

CHARTER OF INCORPORATION

An Act to incorporate and establish a Society for the cultivation and promotion of Arts and Sciences. Granted May 4, 1780, by an Act of the Legislature of Massachusetts, and amended by the Acts of 1910, 1911, 1931, and 1947.

As the Arts and Sciences are the foundation and support of agriculture, manufactures, and commerce; as they are necessary to the wealth, peace, independence, and happiness of a people; as they essentially promote the honor and dignity of the government which patronizes them; and as they are most effectually cultivated and diffused through a State by the forming and incorporating of men of genius and learning into public societies for these beneficial purposes.

Be it therefore enacted by the Council and House of Representatives in General Court assembled and by the authority of the same, that [sixty-two persons]¹ be, and they hereby are formed into, constituted, and made a body politic and corporate, by the name of THE AMERICAN ACADEMY OF ARTS AND SCIENCES, and that they, and their successors, and such other persons as shall be elected in the manner hereafter mentioned, shall be and continue a body politic and corporate, by the same name forever.

And be it further enacted by the authority aforesaid, that the Fellows of the said Academy may from time to time elect a President, one or more Vice-Presidents, one or more Secretaries, and such other officers of the said Academy as they shall judge necessary or convenient; and they shall have full power and authority from time to time to determine and establish the names, number, and duties of their several officers, and the tenure or estate they shall respectively have in their offices; and also to authorize and empower their President, or some other Fellow of the Academy, at their pleasure, to administer such oaths to such officers as they shall appoint and determine, for the well-ordering and good government of the said Academy, provided the same be not repugnant to the laws of this State.

And be it further enacted by the authority aforesaid, that the Fellows of the said Academy shall have one Common Seal, which they may make use of in whatsoever cause or business shall concern the Academy, or be relative to the end and design of its institution; and shall have power and authority from time to time to break, change, and renew the Common Seal, at their pleasure; and that they may sue and be

¹For the names of the Fellows incorporated, see *Memoirs*, Vol. XI, Part I, pp. 33, 34.

sued, in all actions, real, personal, and mixed, and prosecute and defend the same unto final judgment and execution, by the name of the President and Fellows of the American Academy of Arts and Sciences.

And be it further enacted by the authority aforesaid, that the Fellows of the said Academy may from time to time elect such persons to be Fellows thereof, as they shall judge proper, and that they shall have full power and authority from time to time to suspend, expel, or disfranchise any Fellow of the said Academy who shall by his conduct render himself unworthy of a place in that body, in the judgment of the Academy; and also to settle and establish the rules, forms, and conditions of election, suspension, expulsion, and disfranchisement.

And be it further enacted by the authority aforesaid, that the Fellows of the said Academy shall have full power and authority from time to time to make and enact such reasonable rules, orders, and bylaws, not repugnant to the laws of this State, as shall be necessary or convenient for the well-ordering and good government of the said Academy, and to annex reasonable pecuniary fines and penalties to the breach of them, not exceeding the sum of *twenty pounds*, to be sued for and recovered in any court of record within this State, in the name and for the use of the President and Fellows of the said Academy; and the same rules, orders, and bylaws to repeal at their pleasure; and also to settle and establish the times, places, and manner of convening the Fellows of the said Academy; and also to determine the number of Fellows which shall be present to constitute a meeting of the said Academy. *Provided*, that the Fellows of the said Academy shall meet twice in a year at the least; and that the place of their meeting shall never be more than thirty miles distant from the town of Boston.

And be it further enacted by the authority aforesaid, that the Fellows of the said Academy may, and shall forever hereafter, be deemed capable in the law, of having, holding, and taking in fee-simple, or any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate real and personal. *Provided*, that the said real estate shall not exceed in value the sum of *two hundred thousand dollars*, and the said personal estate shall not exceed in value the sum of *five hundred thousand dollars*, all the sums mentioned in the preceding section of this act to be valued in silver at the rate of *six shillings and eightpence* by the ounce. And the annual interest and income of the said real and personal estate, together with the fines and penalties aforesaid, shall be appropriated for premiums to encourage improvements and discoveries in agriculture, arts, and manufactures, or for other purposes consistent with the end and design of the institution of the said Academy as the Fellows thereof shall determine.

And be it further enacted by the authority aforesaid, that the end and design of the institution of the said Academy is, to promote and encourage the knowledge of the antiquities of America, and of the natural history of the country, and to determine the uses to which the various natural productions of the country may be applied; to promote and encourage medical discoveries; mathematical disquisitions; philosophical inquiries and experiments; astronomical, meteorological, and geographical observations; and improvements in agriculture, arts, manufactures, and commerce; and, in fine, to cultivate every art and science which may tend to advance the interest, honor, dignity, and happiness of a free, independent, and virtuous people.

And it is further enacted, that the place where the first meeting of the Fellows of the said Academy shall be held shall be the Philosophy Chamber in the University of Cambridge; and that the Honorable James Bowdoin, Esq., be, and he hereby is authorized and empowered to fix the time for holding the said meeting, and to notify the same to the Fellows of the Academy.

